



QUALITY CONTROL DISTRICT LAB KERALA WATER AUTHORITY,

VADAVATHOOR, KOTTAYAM

Telephone No. 0481 2302391, Email- qcdlkottayam@gmail.com

Test Report



TC-10495

ULR – TC10495220000000383F

Report No: 793/KTM/09/2022		Date:29-09-2022
Customer Name & Address MANAGER MARY MOUNT PUBLIC SCHOOL KATTACHIRA P.O KOTTAYAM	1.Date of Receipt	27-09-2022
	2.Sampling done by	HI ETTUMANOOR
	3.Sample Code	2022/QC/KTM/K3072
	4.Source of Sample	WELL
	5.Sample Quantity	2Litre
	6.Test performing dates:	28--09-2022 TO :29-09-2022

Sl. No	Characteristics	Unit	Test Method	Desirable limits As per IS 10500:2012	Result
1	Colour	Pt-Co Unit	APHA 2120 B	5	1
2	Odour		IS 3025 (part 5) – 2018		Agreeable
3	Taste		IS 3025(part8)-1984(Reaffirmed 2002)		Objectionable
4	Turbidity	(NTU)	IS 3025(part10)-1984 (Reaffirmed 2017)	1	BDL
5	pH at 25 °C		IS 3025(part 11)-1983 (Reaffirmed 2017)	6.5 - 8.5	5.36
6	Alkalinity	(mg/litre)	IS 3025(part 23)-1986 (Reaffirmed 2019)	200	BDL
7	Total dissolved solids (TDS)	(mg/litre)	IS 3025(part16)-1984 (Reaffirmed 2017)	500	34.4
8	Total hardness (as CaCO ₃)	(mg/litre)	IS 3025(part21)-2009 (Reaffirmed 2019)	200	12
9	Calcium (as Ca)	(mg/litre)	IS 3025(part40)-1991 (Reaffirmed 2019)	75	BDL
10	Magnesium (as Mg)	(mg/litre)	APHA 3500 – Mg B	30	BDL
11	Chloride (as Cl)	(mg/litre)	IS 3025(part32)-1988 (Reaffirmed 2019)	250	17.80

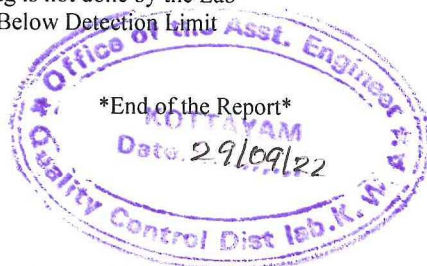
Remarks:-

NB:- The result stated above related only to the sample(s)submitted for testing. This test Certificate shall not be reproduced except in full without the written approval of the laboratory

*Samples will be retained only for 7 days after completion of analysis

*Sampling is not done by the Lab

*BDL – Below Detection Limit



End of the Report

Date: 29/09/22

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KWA/QC/KTM/AR/F3

Issue No.02

Issue Date : 22.10.2021

Rev. 01

SANITARY CHEMIST
QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY
KOTTAYAM - 686002

Rev. Date : 08.04.2022



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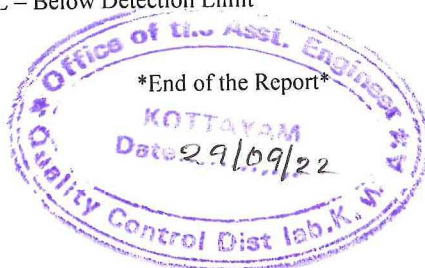
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	5.Sample Quantity	2 Litre
	6.Test performing dates: : 28-09-2022 TO : 29-09-2022	

Sl. No	Characteristics	Unit	Test Method	Desirable limits as per IS 10500:2012	Result
1	Electrical conductivity at 25 °C	(Microm-hos/cm)	IS 3025(part14)-2013 (Reaffirmed 2019)		52.83
2	Acidity	(mg/litre)	IS 3025(part22)-1986 (Reaffirmed 2019)		40.74
3	Sulphate (as SO ₄)	(mg/litre)	IS 3025(part24)-1986 (Reaffirmed 2019)	200	0.69
4	Fluoride (as F)	(mg/litre)	APHA 4500 – F D	1	BDL
5	Iron (as Fe)	(mg/litre)	IS 3025(part53)-2003 (Reaffirmed 2014)	1	0.14
6	Nitrate(as NO ₃)	(mg/litre)	APHA 4500- NO ₃ . B	45	1.48
7	Residual Chlorine	(mg/litre)		0.2	NIL

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